

Carbon monoxide in Schools Report

Working list compiled by Nikki James Zellner, CarbonMonoxideInSchools.org

Updated as of May 26, 2021

| REGION | STATE | DATE | COUNTY | CITY | SCHOOL NAME | TYPE OF SCHOOL | PROPERTY USE | DETECTION ON SITE? | INFO OBTAINED THROUGH? | HIGHEST PPM READING? | INJURIES, HOSPITALIZATIONS (IF MENTIONED) | SOURCE/SPREADER (ATTRIBUTED TO) | DESCRIPTION OF INCIDENT/FOIA-NFIRS NOTES |
|-----------|-------|------------|--------------------|----------------|-------------------------------|----------------|---------------|--------------------|---|----------------------|--|---|---|
| South | AL | 12/12/2013 | Etowah County | Hokes Bluff | Hokes Bluff Middle School | Public | Middle School | no | press coverage | unknown | 17 students, 1 teacher hospitalized | unspecified | |
| South | AL | 10/28/2016 | Limestone County | Elkmont | Elkmont High School | Public | High school | no | press coverage | unknown | | exhaust fan on oven stopped working | cafeteria workers fell ill |
| South | AL | 3/7/2019 | Madison County | Madison | Rainbow Elementary School | Public | Elementary | unknown | press coverage | unknown | | Boiler breakdown | 600 students evacuated, included special needs; had to completely replace heater and send children to alternate school until it could be procured |
| South | AL | 8/15/2019 | Coffee County | New Brockton | New Brockton High School | Public | High School | no | press coverage | unknown | 8 students hospitalized | unspecified | according to a student on scene: classmates complained of a headache during first period yesterday, and then she told me during fourth period, which was their P.E. time, that kids started passing out, throwing up, crying, just having all kinds of problems |
| South | AR | 2/10/2005 | Benton County | Bentonville | Washington Junior High | Public | Junior High | unknown | press coverage | 80 ppm | 80 students taken to hospital for treatment via bus, ambulance or parent | Boiler | Authorities noticed after group of students in a classroom complained of illness; 1,000+ students evacuated due to CO exposure, 50 taken to hospital from scene, additional 30 taken to hospital by parents; school paid for all medical costs associated according to article because "it happened on our watch, it's our responsibility" |
| South | AR | 1/30/2008 | Mississippi County | Leachville | Buffalo Island Junior High | Public | Junior High | no | press coverage | unknown | 20 students, 2 coaches taken to hospital | vents on the school's gymnasium heater were damaged by a storm | boys basketball team practicing in gymnasium, all started feeling symptomatic including coaches |
| South | AR | 11/25/2013 | Washington County | Springdale | Central Junior High School | Public | Junior High | unknown | press coverage | unknown | | small carbon monoxide leak created by an exhaust pipe that somehow had become disconnected from a fresh-air intake system (new system installed 1 year earlier) | students and teachers moved to different area of school campus; repairs made and school resumed; odor was cause of concern, ahead of any illness |
| West | CO | 10/12/2009 | Arapahoe County | Aurora | | Public | High School | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | Boiler | Students sent home for the day after elevated levels of CO discovered |
| West | CO | 9/1/2011 | Garfield County | Rifle | Graham Mesa Elementary | Public | Elementary | unknown | press coverage | unknown | 2 dozen teachers and students ill | unspecified | School evacuated, nearly 2 dozen teachers and students sick due to "an odor" |
| West | CO | 1/6/2015 | El Paso County | Pikes Peak | Pikes Peak Christian School | Private | K-12 | unknown | press coverage | unknown | | dysfunctional furnace | CO started leaking into vents throughout the school from furnace; school evacuated |
| West | CO | 9/27/2018 | Arapahoe County | Aurora | Aurora Elementary School | Public | Elementary | no | press coverage | unknown | | Heating unit on roof | Strong odor noticed by staff at 7am ahead of school starting for day, called Fire Dept, brought gas meters and found elevated levels of CO; heating units shut off, source identified, building ventilated, school cancelled for day |
| West | CO | 4/9/2019 | Archuleta County | Pagosa Springs | Pagosa Peak Open School | Charter | Elementary | yes | press coverage | 158 ppm | | boiler leak + leaks within the gas pipes | CO detector alerting prior to school opening, no one allowed into school; boiler leak in mechanical room, 22ppm in areas around school, 158ppm in area in/around boiler; According to Lewicki, not only was the boiler releasing carbon monoxide, but there were also leaks within gas pipes at the school. Those leaks within the gas pipes were discovered by Black Hills Energy when its personnel were checking for the carbon monoxide leak, he explained further. |
| Northeast | CT | 1/4/2011 | New Haven County | Waterbury | Barnard School | Public | Elementary | no | press coverage | unknown | 40 children taken to hospital | Firefighters determined a rusty hinge on a furnace allowed the carbon monoxide to leak out into the school. | 40 children (ages 8-11) hospitalized after CO leak caused illness; Firefighters were initially sent to a medical call at the school around 10:30 a.m. after a student fainted in the lobby, fire officials said. Firefighters determined a rusty hinge on a furnace allowed the carbon monoxide to leak out into the school. |
| Northeast | CT | 4/25/2011 | Hartford County | Hartford | name not provided | unknown | High School | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | malfunctioning boiler | CO detected in school as students arriving for class |
| Northeast | CT | 3/28/2012 | New London County | Waterford | Friendship School | Private | Preschool | unknown | press coverage | unknown | | unspecified | Children 3-5 years old; high CO levels found in school serves 500+ preK, Kindergarten students |
| Northeast | CT | 4/12/2013 | Tolland County | Tolland | Tolland High School | Public | High School | yes | press coverage | unknown | | unspecified | |
| Northeast | CT | 10/19/2016 | New Haven County | Cheshire | Highland Elementary School | Public | Elementary | no | press coverage | unknown | several students that fell ill tested high for carbon monoxide. | There was a malfunctioning boiler that was releasing dangerous levels of carbon monoxide. The air handling units, also on the roof were sucking that bad air back into the school. The boiler was last serviced less than a year ago in November of 2015. | |
| Northeast | CT | 4/6/2017 | Fairfield County | Bridgeport | Columbus Elementary School | Public | Elementary | no | press coverage | unknown | 4 students taken to hospital, 4 others treated by their pediatricians | assumed CO, no traces found at time of FD arrival | illness hit 1 particular classroom all at same time |
| Northeast | CT | 5/7/2018 | New Haven County | Hamden | Dunbar Hill Elementary School | Public | Elementary | unknown | press coverage | unknown | | *issue with school's equipment | smell of gas prompted call to Fire department, arrived finding elevated levels of CO throughout building; 270+ students and teachers evacuated |
| South | DC | 10/15/2013 | DC | Washington | name not provided | Public | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | 7 hospitalized; 20 adults, 56 students treated for exposure | defective boiler | 20 adults, 56 students treated for CO exposure; 7 hospitalized in serious condition |
| South | DC | 12/17/2019 | DC | Washington | Langdon Elementary School | Public | Elementary | no | press coverage | unknown | | *improper combustion in malfunctioning HVAC unit* | |

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| South | FL | 6/10/2009 | Broward County | Weston | Manatee Bay Elementary | Public | Elementary | no | press coverage | unknown | 5 school employees, 2 firefighters hospitalized with CO poisoning | propane-powered machine used for stripping wax floors | Firefighters transported four Broward School employees from Manatee Bay Elementary School over the summer after carbon monoxide sickened workers from a propane-powered floor stripper. A total of seven persons, including two firefighters were hospitalized after breathing the odorless gas. |
| South | FL | 10/4/2010 | Miami-Dade | Miami | name not provided | Public | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | 11 sent to hospital | unspecified | 11 people sent to hospital due to CO leak in cafeteria |
| South | FL | 8/9/2015 | Brevard County | Titusville | Imperial Estates Elementary | Public | Elementary | no | press coverage | unknown | 1 student, 2 staff members hospitalized; 41 others symptomatic on site | fan broke in vented hood in cafeteria | Fire officials said carbon monoxide was present with the smell of gas as workers prepared lunch for students, prompting someone to pull a fire alarm. 640 students + staff evacuated from school |
| South | FL | 10/18/2017 | Miami-Dade | Miami | Miami Springs Middle School | Public | Middle School | unknown | press coverage | unknown | 14 adults taken to hospital | unspecified | emergency personnel were called to Miami Springs Middle School after several workers reported feeling sick in and around the cafeteria |
| South | FL | 1/31/2018 | Monroe County | Florida Keys | Sugarloaf Elementary School | Public | Elementary and middle | unknown | press coverage | unknown | 3 cafeteria workers treated at scene | improperly ventilated kitchen equipment | only cafeteria area evacuated; children ate lunch in their classrooms while cafeteria being ventilated |
| South | FL | 4/5/2018 | Miami-Dade | Miami | Orchard Villa Elementary | Public | Elementary | no | press coverage | unknown | 7 cafeteria workers hospitalized | human error; improper ventilation during cooking | department notified when cafeteria workers began falling ill |
| South | FL | 9/19/2018 | Miami-Dade | Miami | Carol City Elementary | Public | Elementary | no | press coverage | unknown | 3 kids, 2 adults hospitalized; 3 treated at scene | School officials said the issue may have come from a truck that was delivering items to the school. | officials said crews responded to the school after receiving a call about a person not feeling well. When firefighters walked into the school their detectors went off immediately, officials said. |
| South | FL | 10/17/2019 | Miami-Dade | North Miami | WJ Bryan Elementary | Public | Elementary | unknown | press coverage | unknown | | unnamed source in cafeteria | |
| South | GA | 3/9/2006 | Hall County | Gainesville | name not provided | Public | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | HVAC unit | School evacuated due to high CO levels |
| South | GA | 12/3/2012 | Fulton County | Atlanta | Finch Elementary School | Public | Elementary | no | press coverage | 1700 ppm | 43 students, 10 adults hospitalized | Suspected faulty furnace | 43 students, 10 adults sent to hospital after exposure to CO; mild-to-moderate symptoms; CO reading of 1,700 ppm |
| South | GA | 11/25/2019 | Fulton County | Atlanta | GATES Academy | Private | Daycare/Preschool | yes | press coverage | unknown | 16 children, 3 adults taken to hospital | faulty furnace | emergency services responding to medical call regarding child having seizure; upon arrival found group symptoms; FD meters showed elevated levels of CO w/ out knowing time exposed; school had detectors but they did not alert |
| Midwest | IA | 9/23/2010 | Johnson County | Iowa City | name not provided | unknown | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | Cleaning crew used unauthorized equipment in improperly ventilated area | Unsafe levels of CO; classes cancelled for day |
| Midwest | IA | 9/8/2018 | Black Hawk County | Hudson | Hudson Elementary School | Public | Elementary | yes | press coverage | 100 ppm | | vent malfunction in kitchen | School cancelled, evacuated after CO detector alerts in kitchen |
| Midwest | IL | 11/5/2012 | Cook County | Chicago | Harold Washington Elementary | Public | Elementary | no | press coverage | 43 ppm | 25 students taken to hospitals | faulty boiler | 25 children taken to area hospitals after CO leak; 43 ppm |
| Midwest | IL | 9/15/2014 | Macoupin County | Girard | North Mac Intermediate | Public | Middle School | no | press coverage | 400 ppm | 181 students and teachers (at least 150 students) taken to hospitals | gas water heater - flue broke loose | 181 students and teachers, the majority of which were children, taken to hospital after CO leak; lunch teachers fainting randomly; water heater passed inspection earlier in the year; no detection on site; 20 LAWSUITS FILED claiming disability/disfigurement of minors ; |
| Midwest | IL | 10/29/2014 | Cook County | Chicago | Harper High School | Public | High school | no | press coverage | unknown | 9 students hospitalized | construction crew relining sewers in area; sewage vapors leaked into school | School evacuated and closed due to foreign odor that ended up being CO exposure; 9 students taken to hospital according to Chicago PD |
| Midwest | IL | 10/30/2015 | Cook County | Chicago | Prussing Elementary School | Public | Elementary | no | press coverage | unknown | 70 children taken to hospital | boiler issue in main bldg | 70 children taken to hospitals because of CO fumes at Jefferson Park grammar school in Prussing; one, inactive CO detector in boiler room was unplugged at time; a malfunctioning component on the building's boiler produced more carbon monoxide than normal. A fire door that should have been closed was left open. Claypool said, while a fresh-air door that should have been open was closed. The unplugged carbon monoxide detector was located near the boiler, he said. "Whether the one CO detector in the boiler room was active is less relevant because the boiler room is 60 feet from the main building and 20 feet underground," Arena said. "Begging the question: Who in safety and security thinks that if an alarm goes off where no one can hear it, that somehow makes the building safe and secure?" |
| Midwest | IL | 12/3/2015 | Cook County | Chicago | Horace Mann Elementary School | Public | Elementary | yes | press coverage | unknown | 104 students, 7 staff hospitalized | unspecified | 104 students and seven staff members were hospitalized after a carbon monoxide leak at Horace Mann Elementary in South Chicago; IMPORTANT TO NOTE: "Newly installed carbon monoxide detectors were tripped as school started Thursday at Horace Mann, 8050 S. Chappel Ave., officials said. Though the alarms were tripped as staff entered the school around 6:30 a.m., according to Chicago Teachers Union organizer Curtis Bynum, school administrators didn't contact the fire department until about 8:30." |
| Midwest | IL | 12/21/2016 | multiple | Bartlett | Bartlett Elementary School | Public | Elementary | unknown | press coverage | unknown | | unspecified | school evacuated; |
| Midwest | IL | 3/16/2017 | Kankakee County | Bourbonnais | LeVasseur Elementary | Public | Elementary School | yes | press coverage | unknown | 48 students, staff taken to hospitals | School's backup Generator in boiler room had a timer malfunction, causing it to run while staff/students on property; it's exhaust getting sucked into air intake system | 350 students and staff evacuated; 48 taken to hospital |
| Midwest | IL | 2/1/2019 | Rock Island | Moline | Glenview Middle School | Public | Middle School | yes | press coverage | unknown | | water heater malfunction in boiler room | 650 students, teachers evacuated safely, responding to alarm |
| Midwest | IL | 2/21/2019 | Cook County | Tinley Park | KinderCare | Private | Daycare/ Preschool | no | press coverage | 210 ppm | 82 staff and students treated on scene by emergency services | hot water heater leak | staff and students falling ill; |
| Midwest | IL | 11/4/2019 | Cook County | Chicago | Burnside Academy | Private | Elementary | yes | press coverage | unknown | | faulty boiler | early workers arrived to detectors alerting; notified students, other teachers before arrival |
| Midwest | IN | 2/21/2006 | Gibson County | Ft Branch | name not provided | unknown | Recreational care | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | 523 ppm | | furnace? | two girls passed out, emergency authorities alerted; CO levels at 523 ppm GF/613 ppm basement |

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| Midwest | KS | 11/30/2005 | Ford County | Dodge City | name not provided | unknown | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | Cracked heat exchanger | Annex classroom evacuated when teacher/students noticed smell |
| Midwest | KS | 10/29/2014 | Cowley County | Dexter | Dexter Elementary School | Public | Elementary | no | press coverage | unknown | 18 first and second grade students taken to hospital | defective heat exchanger on the roof heating unit | school librarian was EMT and responded to initial cause of concern in 1st and 2nd grade classes; called emergency services; school evacuated, multiple children started passing out in separate classes |
| Midwest | KS | 5/6/2019 | Douglas County | Lawrence | Kennedy Elementary | Public | Elementary | no | press coverage | unknown | 3 staff seek medical attention on their own, discover elevated levels of CO in body | Gas-powered hot water heater was not venting properly due to roof repairs. Roofers had covered the piping. | staff member at Kennedy Elementary reported feeling nauseous. She went to the doctor and found she had elevated levels of carbon monoxide. The portion of the building where the complaints came from houses the preschool students ages three to five. Staff members said many of them are special needs students. |
| South | KY | 2/22/2010 | Jefferson County | Louisville | Field Elementary School | Public | Elementary | no | press coverage | unknown | 13 children, 1 teacher taken to hospital; 30 others treated on scene | officials say exhaust from a gas-powered concrete saw being used by a contractor outside the building spread through the ventilation system. | students reported feeling ill, headaches/nausea |
| South | LA | 10/2/2010 | Calcasieu Parish | Lake Charles | name not provided | Public | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | external conditions impacting inside school | Bldg closed up due to smoke outside/low-lying gof, air quality checked and had elevated CO; school evacuated, 20 evaluated at local hospital |
| South | LA | 9/2/2016 | Lafayette Parish | Duson | Charles M Burke Elementary School | Public | Elementary | yes | press coverage | unknown | 1 cafeteria worker taken to hospital | unspecified in kitchen area | carbon monoxide meter alerted in cafeteria area |
| South | LA | 9/5/2019 | Ascension Parish | Dutchtown | Dutchtown High School | Public | High school | no | press coverage | unknown | 28 students treated in ER | large capacity "zero turn" lawnmower with the balky gas tank was being used to cut grass next to an air-conditioning intake vent | nausea, dizziness and headaches experienced as fumes came in through the ventilation system |
| South | LA | 11/6/2019 | Caddo Parish | Shreveport | Broadmoor Middle | Public | Middle School | no | press coverage | unknown | 13 students transported to hospital | unspecified | CO poisoning assumed because of group symptoms, source not discoverable, accumulation not active by time of emergency response |
| Northeast | MA | 2/17/2005 | Middlesex County | Lexington | Lexington High School | Public | High School | no | press coverage | 65 ppm | | Hole in intake pipe, unlined chimney; intake/exhaust pipes too close | School evacuated twice for CO before sources discovered; buildings not occupiable until issue fixed; has since installed CO detection |
| Northeast | MA | 12/29/2005 | Middlesex County | Chilmsford | McCarthy Middle | Public | Middle School | no | press coverage | unknown | 4 staff, 4 students sent to hospital | Delivery vehicle idling outside of school | Cluster illness; Test results from 3 patients revealed traces of CO |
| Northeast | MA | 1/11/2007 | Worcester County | Fitchburg | name not provided | unknown | Middle School | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | 7 hospitalized | Boiler was under repair | |
| Northeast | MA | 10/2/2008 | Worcester County | Northboro | Marion Zeh Elementary | Public | Elementary | yes | press coverage | unknown | Fire personnel evaluated the school custodian at the scene for carbon monoxide exposure. He was not transported, but fire officials said he later sought medical attention on his own. | Boiler malfunction | Firefighters arriving at the scene found elevated levels of carbon monoxide in the cafeteria area. Wearing air packs to investigate further, firefighters found very high levels of carbon monoxide in the boiler room. |
| Northeast | MA | 3/1/2012 | Plymouth County | Marshfield | Marshfield High School | Public | High School | unknown | press coverage | unknown | | Water heater malfunction | CO/other fumes drawn back into loading docks by wind; high levels of CO immediately outside, lower levels of CO inside |
| Northeast | MA | 4/3/2014 | Worcester County | Douglas | municipal property that cares for kids | Public | Recreational care | no | press coverage | unknown | 16 hospitalized | malfunctioning boiler | 16 Kindergarten children transported to area hospitals |
| Northeast | MA | 10/9/2015 | Middlesex County | Newton | Franklin Elementary | Public | Elementary | no | press coverage | 1000ppm | 2 hospitalized | ue to errors made by the heating contractors in the process of installing a new boiler | person found unconscious in boiler room, another ill; meters brought onto scene maxed out |
| Northeast | MA | 10/29/2015 | Middlesex County | Lowell | Sullivan Middle School | Public | Middle School | unknown | press coverage | unknown | | unspecified | 60 students fall ill; all showing symptoms of CO exposure |
| Northeast | MA | 8/30/2018 | Hampden County | Monson | Granite Valley Middle School | Public | Middle School | yes | press coverage | unknown | | exhaust from a generator that was used by construction workers on the rooftop | high carbon monoxide set off alarm in gym area; |
| Northeast | MA | 12/12/2018 | Barnstable County | Mashpee | Quashnet Elementary | Public | Elementary | unknown | press coverage | unknown | 5 staff members hospitalized | leaking boiler | school closed for three days while boiler leak repaired; |
| Northeast | MA | 7/18/2019 | Essex County | Methuen | Methuen High School | Public | High school | no | press coverage | unknown | 1 adult transported to hospital | crews were stripping floors, using freon + humidifier - combo gases | freon canister exploded, detaching from humidifier while stripping floors |
| Northeast | MA | 1/31/2020 | Essex County | Marblehead | Coffin Elementary School | Public | Elementary | yes | press coverage | unknown | 2 janitors hospitalized | hardwired CO detector malfunctioned and was not alerting after broken fan belt on school's exhaust system | "The building is over 70 years old and is slated to be replaced with new construction. Problems listed in the project's plan include a boiler system that's "increasingly unreliable." |
| Northeast | MA | 12/30/2020 | Middlesex County | Waltham | Waltham High School | Public | High school | no | press coverage | 200 ppm | | boiler | FD responded to a pulled fire alarm, building had self-evacuated; medic requested for onsite treatment; school was on Christmas break but basketball team and some teachers were on site, elevated levels of up to 200ppm found in multiple areas of building, not just boiler area |
| Northeast | MA | 1/5/2016 | Middlesex County | Waltham | Henry Whittemore Elementary | Public | Elementary | no | press coverage | 135 ppm | | boiler | A maintenance worker smelled the odor of natural gas and contacted police. Firefighters responded to the scene and, using a CO meter, discovered a high level of carbon monoxide. |
| South | MD | 9/28/2002 | Baltimore County | Middle River | Chase Elementary School | Public | Elementary | no | press coverage | unknown | 32 children taken to 3 separate hospitals to accommodate volume | unspecified | "The scare, which started at 10:36 a.m., evoked a science-fiction thriller with pupils falling listlessly to the ground and others rushing nervously to the nurse's office before the entire school was evacuated 25 minutes later." |
| South | MD | 2/8/2011 | Baltimore City | Baltimore | Dickey Hill Elementary/Middle | Public | Elementary/Middle | no | press coverage | 56 ppm | 5 adults, 1 child hospitalized | Malfunctioning steam table | |
| South | MD | 2/15/2011 | Baltimore City | Baltimore | Dickey Hill Elementary/Middle | Public | Elementary/Middle | no | press coverage | 55 ppm | 1 child hospitalized | convection and steam oven used to prepare food, malfunction | 6 students ill, 40 others exposed; same school as 2/8 incident |
| South | MD | 2/3/2012 | Frederick County | Fredericksburg | name not provided | unknown | Elementary | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | Diesel vehicle stuck in vicinity of individual rooms HVAC system | CO fumes from running vehicle circulated via HVAC; several taken to hospital, diagnosed with CO poisoning |

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| South | MD | 2/6/2018 | Baltimore City | Baltimore | Hazelwood Elementary/Middle | Public | Elementary/Middle | unknown | press coverage | unknown | boiler | recreation hall and remaining staff evacuated; school after hours being used recreationally by community /students | | |
| South | MD | 2/25/2019 | Baltimore County | Owings Mills | Shafer Center | Private | K-12 | unknown | press coverage | unknown | 2 adults hospitalized | heating system malfunction | 60 special needs children evacuated; 2 adults hospitalized; FD indicated issue with heater | |
| South | MD | 6/6/2019 | Baltimore County | Golden Ring | Rosedale Center | Public | High school | unknown | press coverage | unknown | one priority 1 patient, a man, was taken to University of Maryland Medical System's hyperbaric chamber, and two priority 2 patients, a woman and another man, were also taken to UMMS. Priority 1 typical designates patients who are seriously injured but have a higher likelihood of recovery. Neither of these patients were staff members. | leak originated from a piece of auto equipment that was operating at an auto shop in the same complex as the school | | |
| South | MD | 11/11/2020 | Baltimore City | Baltimore | Franklin Square Elementary/Middle | Public | Elementary/Middle | unknown | press coverage | unknown | | unspecified | 10 evacuated, elevated levels of CO found inside | |
| Midwest | MI | 3/5/2005 | Oakland County | Royal Oak | Dondero High School | Public | High School | no | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | 38 students, teachers and bystanders at a community swimming class were treated for carbon monoxide poisoning; 17 taken to hospital via ambulance, 5 treated in Hyperbaric chamber at hospital; several more arrived to hospital on their own including siblings, parents of those taking class | Furnace | High levels of CO from furnace made way to pool area during community swim lessons; instructors and their 5- to 14-year-old students began throwing up, complaining of headaches and feeling dizzy and nauseated around 9:15 a.m. The building was evacuated, and a parent called 911. |
| Midwest | MI | 5/4/2007 | Benzie County | Thompsonville | name not provided | unknown | Elementary | unknown | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | sewer gases/air exchange | School closed after students fell ill - no Co source found on site; incident potentially caused by sewer gases exiting a rooftop vent that were sucked back into building fresh air exchange |
| Midwest | MI | 2/24/2010 | Kalamazoo County | Portage | Portage Northern High School | Public | High School | unknown | press coverage | unknown | 7 teachers file personal injury lawsuits due to medical issues impacting them since event | Construction equipment suspected - could never find source from any school-based systems | School undergoing renovation; parents complain of illness of children, diagnosed with higher levels of CO in system; at least 7 teachers file lawsuits | |
| Midwest | MI | 9/17/2019 | Genesee County | Swartz Creek | Morrish Elementary School | Public | Elementary | unknown | press coverage | unknown | | boiler | school evacuated from combo gas leak; gas shutoff; ppms brought back to zero before students/staff allowed to return | |
| Midwest | MI | 11/25/2019 | Oakland County | White Lake Township | Lakeland High School | Public | High school | no | press coverage | 70 ppm | | discharge from a boiler that was flowing back into the return air system | First responders had responded to the school for unrelated emergency; their wearable CO detectors started alerting to high levels of CO when they were inside the building; school did not have alarms | |
| Midwest | MI | 1/26/2021 | Van Buren County | Mattawan | Mattawan Consolidated School | Public | Elementary building | yes | press coverage | unknown | | unspecified in kitchen area | CO alarm alerting in kitchen, staff and children evacuated to other buildings; | |
| Midwest | MN | 10/5/2010 | Ramsey County | St. Paul | Como Park Elementary School | Public | Elementary | unknown | press coverage | unknown | | boiler leak | School evacuated due to elevated CO levels; 25 evaluated on scene | |
| Midwest | MN | 2/7/2014 | Brown County | Springfield | Springfield Public School | Public | K-12 | unknown | press coverage | unknown | 30 students treated at hospital for CO poisoning | unspecific in auditorium | 400 school members evacuated, 30 students treated at hospital for CO poisoning after practicing in auditorium | |
| Midwest | MN | 10/16/2019 | Carlton County | Esko | Lincoln School | Public | Middle School | unknown | press coverage | unknown | | unspecified water heater issue | school evacuated | |
| Midwest | MO | 3/6/2009 | St. Louis County | Ballwin | name not provided | unknown | Elementary | unknown | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | Open air handler door on HVAC system | School evacuated |
| Midwest | MO | 4/3/2012 | Cape Girardeau County | Cape Girardeau | Blanchard Elementary | Public | Elementary | yes | press coverage | unknown | | Dirt-dobbers (insects) built nest and clogged up an air intake system | School evacuated for second time in a week due to buildup of CO in gym, cafeteria | |
| Midwest | MO | 1/13/2014 | St. Louis City | St. Louis | Mallinckrodt Elementary | Public | Elementary | yes | press coverage | unknown | | water had accumulated in the basement of the school building due to the melting snow. Maintenance workers were using generators to siphon the water out of the basement | maintenance workers running generators indoors, improperly ventilated causing CO accumulation; detection system alerted for safe evacuation | |
| Midwest | MO | 12/4/2014 | St. Louis City | St. Louis | Nance Elementary | Public | Elementary | unknown | press coverage | unknown | 2 students, 1 teacher sent to hospital | boiler malfunction | full evacuation | |
| Midwest | MO | 1/5/2015 | St. Louis City | St. Louis | Northwest Academy of Law High School | Public | High school | yes | press coverage | unknown | | Boiler malfunction | detector started alerting after boiler malfunction; all students evacuated to gymnasium | |
| Midwest | MO | 3/6/2019 | Callaway County | Williamsburg | Williamsburg Elementary | Public | Elementary | yes | press coverage | unknown | | malfunctioning HVAC | front office area started to experience CO symptoms ahead of school starting; meter brought in and found elevated CO levels; school cancelled for day | |
| South | MS | 9/8/2010 | Marshall County | Holly Springs | HW Byers High School | Public | High School | unknown | press coverage | unknown | 5 cafeteria staff hospitalized | vent-a-hood (ventilation hood) not properly removing gas fumes from burners | 5 cafeteria workers sent to hospital with CO poisoning; grades 7-12 not on campus at time | |
| West | MT | 8/28/2004 | Deer Lodge County | Anaconda | Anaconda Job Corps Center | Public | High school | no | press coverage | unknown | 20 students (ages 16-24) flown to area hospitals | cracked exhaust pipe on heater | nurse reported finding several overcome with symptoms; | |
| South | NC | 11/7/2006 | Wake County | Raleigh | name not provided | unknown | Elementary | unknown | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | 4 teachers, 1 student taken to hospital | Debris lodged in heating system blocked air intake system | 4 teachers, 1 student taken to hospital after complaining of headaches, nausea; remaining students moved to off-site gym |
| South | NC | 10/21/2008 | Polk County | Columbus | Virtual Early College | Public | High School | unknown | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | 27 students, 5 staff taken to hospital | heating system defect | faulty air flow caused CO accumulation, affecting occupants for over an hour; student passed out while evacuating |
| South | NC | 5/13/2010 | Mecklenburg County | Matthews | Crestdale Middle School | Public | Middle | no | press coverage | unknown | | Turned out to be propane buffer/janitorial equipment that cleaned floors (after gas leak ruled out by inspections) | Firefighters discover high levels of CO, school cancelled due to suspected gas leak | |
| South | NC | 8/28/2014 | Mecklenburg County | Charlotte | Coulwood Middle School | Public | Middle School | yes | press coverage | unknown | 2 cafeteria workers evaluated on scene; 1 taken to hospital | improper operation of a cafeteria appliance | food inspection team was on site at the time, Co alarm started alerting while on site | |

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|-----------|----|------------|---------------------|----------------|--|---------|----------------------------|---------|------------------------|---------|---|--|--|---|
| South | NC | 6/18/2015 | Wake County | Cary | East Cary Middle School | Public | Middle School | unknown | press coverage | unknown | 10 children, 7 adults treated on scene - 4 of the adults taken to hospital | unspecified | School evacuated; 10 children, 7 adults evaluated by medical professionals after reported CO leak at middle school; 3 adults taken to hospital | |
| South | NC | 5/7/2016 | Mecklenburg County | Cornelius | JV Washam Elementary School | Public | elementary | yes | press coverage | 100 ppm | | malfunctioning kitchen equipment | May 9 CO leak in school cafeteria exposes this had been a several-month issue causing CO symptoms in students over a period of months; detectors alerted multiple times | |
| South | NC | 8/23/2017 | Mecklenburg County | Huntersville | Phoenix Montessori Academy | Private | Preschool | yes | press coverage | unknown | 1 teacher hospitalized | unattributed | fire department responded to CO alarm | |
| South | NC | 4/3/2019 | Durham County | Durham | Research Triangle Academy | Charter | Elementary | unknown | press coverage | unknown | | unspecified HVAC-related issue | School evacuated due to elevated CO levels | |
| South | NC | 3/25/2021 | Cumberland County | Fayetteville | Brentwood Elementary School | Public | Elementary | no | press coverage | unknown | | Faulty kitchen equipment | Assistant fire inspector using meter during inspection found presence of CO in kitchen – hazardous emergency response was signalled in to review ; no injuries | |
| Midwest | ND | 11/7/2018 | Cass County | Fargo | The Learning Circle/Baby Bloomers | Private | Daycare/Preschool | unknown | press coverage | unknown | 2 adults sent to hospital | construction crew using a gas-powered concrete saw inside a building without ventilation | daycare in building property on different floor; CO levels found in daycare | |
| Midwest | NE | 9/27/2018 | Hamilton County | Aurora | Aurora Elementary School | Public | Elementary School | no | press coverage | unknown | | malfunctioning air handling unit on roof | Administrators smelled something Thursday morning when arriving at Aurora Elementary School in Aurora. District Superintendent Damon McDonald told The Grand Island Independent that firefighters were called to the school. They used sensors that detected carbon monoxide levels that were too high for anyone to be in the building. | |
| Midwest | NE | 3/8/2019 | Lancaster County | Lincoln | Pershing Elementary School | Public | Elementary School | unknown | press coverage | 80 ppm | | boiler room, specific cause not identified | elevated levels of carbon monoxide found in boiler room | |
| Northeast | NH | 1/29/1994 | Sullivan County | Unity | name not provided | Public | Elementary | unknown | | | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | Furnace leak | CO leak in school sickened 25 children and several teachers |
| Northeast | NH | 11/9/2006 | Hillsborough County | Litchfield | name not provided | unknown | High School | unknown | | | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | Boiler smokestack and proximity to air intake unit (too close!) | Students sent home after elevated levels of CO detected |
| Northeast | NH | 2/18/2010 | Rockingham County | Derry | St. Thomas Aquinas | Private | Elementary | no | press coverage | unknown | 21 students and staff members were taken by ambulance to a hospital, and another 10 either went to a hospital on their own or were driven separately. | Ventilation system (3rd floor) | Dozens of students fall ill; school and adjacent church checked for CO levels (30 students and teachers at hospital) | |
| Northeast | NH | 3/6/2012 | Belknap County | Meredith | Inter-Lakes High School | Public | High School | yes | press coverage | unknown | students who were ill treated on scene | Misfiring boiler, exhaust/air exchange | Although there are smoke detectors and carbon dioxide detectors throughout the building, Wald said there's only one carbon monoxide detector, located in the boiler room and intended to detect a back-firing boiler. The carbon monoxide was able to bypass that detector by flowing up to the roof and back down into the building. | |
| Northeast | NH | 11/5/2020 | | Newport | Newport Middle High School | Public | Middle School, High school | no | press coverage | unknown | 4 students taken to hospital | car exhaust fumes filled school | | |
| Northeast | NJ | 4/6/2017 | Gloucester County | Glassboro | Glassboro Intermediate School | Public | Middle School | no | press coverage | unknown | 37 students, 3 staff members transported to hospital | boiler exhaust fan failed, allowing fumes to enter the school building. | first responders called to respond to multiple people feeling ill; arrived and found elevated CO levels calling for evacuation of intermediate school to other facilities | |
| Northeast | NJ | 3/19/2018 | Bergen County | Lindhurst | Washington School | Public | Elementary | yes | press coverage | unknown | | boiler | CO detectors alerted, school evacuated safely prior to issues occurring | |
| Northeast | NJ | 12/12/2018 | Ocean County | Brick Township | Midstreams Elementary School | Public | Elementary | yes | press coverage | unknown | | malfunctioning boiler | found dangerous levels of carbon monoxide right outside the boiler room and inside the boiler room, recently installed detectors alerted authorities | |
| Northeast | NJ | 1/22/2019 | Union County | Elizabeth | Toussaint L'ouverture-Marquis de Lafayette School No. 6. | Public | Elementary | yes | press coverage | unknown | | exhaust fan stopped working in boiler room | Elevated levels of CO found in basement, detectors alerted for safe evacuation | |
| Northeast | NJ | 11/27/2019 | Bergen County | Saddlebrook | Saddlebrook Daycare | Private | Daycare/Preschool | yes | press coverage | unknown | | A propane tank being used by workers in an adjoining storefront | Daycare center's detectors started alerting, prompting evacuation of 20+ | |
| Northeast | NY | 4/7/2010 | Bronx | Bronx | Hunts Point School | Public | K-12 | no | press coverage | unknown | | unspecified | Building that houses 4 public schools and 1,500 students evacuated due to elevated levels of CO; first responders were responding to a medical call when their gas detectors activated upon entering buildings | |
| Northeast | NY | 10/10/2013 | multiple | Long Island | Camp Avenue Elementary | Public | Elementary | unknown | press coverage | unknown | 12 students taken to hospital | Boiler emitting smoke | Boiler started "smoking", making those in surrounding rooms nauseated, ill; fire dept found elevated levels of CO in building | |
| Northeast | NY | 2/14/2014 | Queens County | Corona | Leonardo DaVinci Intermediate School | Public | Intermediate | unknown | press coverage | 400 ppm | | manhole fire in street in front of school caused large amounts of CO to enter the building's basement | happened just as students started to arrive for school; evacuation of all inside | |
| Northeast | NY | 12/1/2015 | Queens | Queens | PS 295 | Public | Elementary | yes | press coverage | unknown | | reading came from the building's basement and electrical room and may have been the result of a smoking manhole nearby | 550 students, 100 faculty members evacuated | |
| Northeast | NY | 2/15/2017 | City of New York | Staten Island | PS 29 | Public | Elementary | unknown | press coverage (video) | unknown | | HVAC/boiler unit | 680 staff and students evacuated due to reports of high CO inside the building; HVAC/Boiler unit producing gas, odor | |
| Northeast | NY | 1/16/2019 | Broome County | Endicott | Union-Endicott High School | Public | High school | yes | press coverage | unknown | | unidentified at press time; shop class | alarm sounded in shop area of high school; evacuation of school | |
| Northeast | NY | 1/31/2019 | multiple | Long Island | South Grove Elementary | Public | Elementary | no | press coverage | unknown | | | children sickened, fainting while practicing for performance in gymnasium; elevated CO levels found in bloodwork | |
| Northeast | NY | 3/24/2021 | Madison County | Canastota | Roberts Street Elementary School | Public | Elementary | yes | press coverage | unknown | | boiler | an issue with one of the boilers at the Roberts Street Elementary School complex triggered the carbon monoxide detectors. Students and staff were immediately evacuated; onsite carbon monoxide detectors are interconnected and the malfunction was caught just as it started. | |
| Midwest | OH | 3/2/2004 | Licking County | Newark | name not provided | Private | K-8 | unknown | | | 18 evaluated on scene (15 students/3 staff), "some" transferred to hospital (no specific number listed) | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | boiler/heating unit suspected | 15 students, 3 staff sickened due to CO buildup, some transferred to hospital |
| Midwest | OH | 1/6/2017 | Champaign County | Urbana | Urbana High School | Public | High school | no | press coverage | 250 ppm | More than 12 students taken to hospitals | broken damper on furnace system | More than 44 students treated on scene for symptoms; | |

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| Midwest | OH | 10/1/2018 | Tuscarawas County | Tuscarawas Township | Tuslaw High School | Public | High school | unknown | press coverage | unknown | | contractors replacing roof using gas powered generator used near air handler; | unsupervised contractors using generator on roof to power tools while working on roof replacement; fumes and odors brought into school building while kids/staff on site | |
| Midwest | OH | 1/15/2019 | multiple | Pickerington | Ridgeview Junior High | Public | Junior High | unknown | press coverage | unknown | 4 adults, 2 students taken to hospital | motor went out on exhaust system allowing CO from hot water heater to get into school | elevated levels of CO found, custodians who checked boiler room symptomatic | |
| Midwest | OH | 10/28/2019 | Clark County | Springfield | Clarke-Shawnee Middle/High School | Public | Middle School, High school | no | press coverage | unknown | | boiler system | teacher notified administrators she was smelling odorous gases, fire dept was called and their meters notified there was elevated CO within the building; students, staff evacuated | |
| South | OK | 5/4/2009 | Tulsa County | Tulsa | Byrd Middle School | Public | Middle | no | press coverage | 55 ppm | 1 construction worker taken to hospital | gas powered washer in construction area without proper ventilation | Construction Worker began experiencing CO poisoning symptoms, firefighters responded; school teacher sounded the fire alarm to get people to evacuate after bring school nurse | |
| South | OK | 3/28/2012 | Marshall County | Madill | Madill Elementary | Public | Elementary | unknown | press coverage | unknown | 25 students/staff transported to hospital | cause unknown | School evacuated, 25 people transported to hospital for eval | |
| South | OK | 11/11/2013 | | Oklahoma City | Lee Elementary School | Public | Elementary | no | press coverage | unknown | 10 people treated on scene; 3 students, 3 staff members taken to hospital | recently installed HVAC unit on roof leaked into classroom | Students and staff fall ill, school evacuated due to suspected issue; no detectors on site, responders find elevated CO, | |
| South | OK | 1/18/2018 | Carter County | Ardmore | Charles Evans Elementary School | Public | Elementary school | unknown | press coverage | unknown | | | Part of Charles Evans Elementary School was evacuated after tests revealed higher than normal carbon monoxide levels in older parts of the building. | |
| South | OK | 11/27/2018 | Tulsa County | Sand Springs | Clyde Boyd Middle School | Public | Middle school | no | press coverage | unknown | 55 children taken to area hospitals; many overnight hospitalizations; 50 children additionally treated on scene | single heater malfunctioning + separate gas leak in pipes | Most of the children were from the same second-grade classroom. | |
| West | OR | 4/16/2019 | Lincoln County | Waldport | Crestview Heights School | Public | Elementary | unknown | press coverage | unknown | 14 children treated in ER | diesel boilers suspected | School evacuated and cancelled after CO poisoning of students | |
| Northeast | PA | 11/3/2011 | Dauphin County | Derry Township | name not provided | Public | High School | unknown | | | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | propane heater in unsealed construction area | 1 teacher taken to hospital after becoming sick from construction fumes |
| Northeast | PA | 9/5/2012 | York County | Glen Rock | name not provided | Public | Elementary | unknown | | | | SAFEKIDS Worldwide - Georgia Testimony, February 2012; AP News reference | malfunctioning water heater | Nearly 40 students were sent home with CO exposure |
| Northeast | PA | 10/9/2012 | Philadelphia County | Philadelphia | JH Brown Elementary | Public | Elementary | no | press coverage | unknown | 50 children, 5 adults treated at hospital | Malfunctioning backup generator (after power outage) | Many of the 577 students evacuated; | |
| Northeast | PA | 9/18/2015 | Fayette County | McClellandtown | Albert Gallatin North Middle School | Public | Middle School | unknown | press coverage | unknown | 10 students, 2 teachers taken to ER | *CO assumed - no source found | a teacher first contacted the school nurse after some of his students started feeling ill in the library. The nurse then called in paramedics because more children and the teachers started reporting symptoms, including breathing problems, respiratory issues, dizziness, and nausea. | |
| Northeast | PA | 1/26/2018 | Philadelphia County | Philadelphia | William Loesche School | Public | Elementary | no | press coverage | unknown | 26 children, 4 teachers sent to hospital | a portable generator on the school's roof that construction workers were using to power their tools during roof repairs. Someone had placed it close to the air intake vents. | child became unconscious and wouldn't wake up with smelling salts in 2nd grade class, other students became lethargic; doing major renovations of building during school hours while children on site. Link to Philadelphia Inquirer series | |
| Northeast | PA | 9/14/2018 | Neshaminy | Langhorne | Herbert Hoover Elementary | Public | Elementary | unknown | press coverage | unknown | | faulty exhaust system on a kitchen water heater | https://www.buckscountycouriertimes.com/news/20180914/high-carbon-monoxide-level-closes-neshaminy-herbert-hoover-elementary-school | |
| Northeast | PA | 2/9/2019 | Berks County | Fleetwood | Fleetwood Area Middle School | Public | Middle School | unknown | press coverage | unknown | 8 community members practicing for a performance in auditorium taken to hospital; 3 found unconscious when FR arrived on scene | unspecified | community members in school after hours practicing for a performance, people started fainting/getting dizzy, director calls 911 | |
| Northeast | PA | 3/3/2020 | Franklin County | Chambersburg | South Hamilton Elementary | Public | Elementary | yes | press coverage | unknown | | boiler | Firefighters arrived on scene, meeting with building representatives. The alarm panel showed the "machine room" as the source of the leak, according to Franklin County Fire Company. Isolated boilers until source found. | |
| Northeast | RI | 1/28/2005 | Washington County | Peace Dale | Peace Dale Elementary School | Public | Elementary | no | press coverage | unknown | | Snow clogged heating exhaust vent | 520 students/teachers evacuated due to CO; elevated levels of CO found upon emergency responders arriving in response to "a gas smell coming from vent" | |
| Northeast | RI | 5/9/2019 | Kent County | East Greenwich | Meadowbrook Farms Elementary School | Public | Elementary | no | press coverage | unknown | | cause unknown | children in same classroom all found to have elevated levels of CO in their system; getting sick in class | |
| South | SC | 1/31/2019 | PeeDee County | Florence | West Florence High School | Public | High School | unknown | press coverage | unknown | 15 people tested positive for carbon monoxide poisoning | unattributed | teachers students repeatedly falling ill in science classroom and surrounding classrooms | |
| Midwest | SD | 2/17/2021 | McCook County | Canistota | Canistota School | Public | K-12 | unknown | press coverage | 40 ppm | 25 children and teachers | forklift exhaust, additional gas-based construction equipment being improperly ventilated during construction on school gym while children in classes/staff on site | repeated presence of CO over series of weeks | |
| South | TN | 11/6/2006 | Bradley County | Cleveland | name not provided | unknown | Elementary | unknown | | | | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | All students evacuated when high levels of CO detected in some classrooms | |
| South | TN | 1/15/2013 | Davidson County | Nashville | Drexel Preparatory Academy | Private | Elementary | No | press coverage | unknown | 36 kindergarten and 1st graders arrive at hospital (28 of them stay overnight) | hole discovered in heating unit in center of school | children treated in hospital for CO poisoning with elevated levels in system after early school cancellation due to mystery "bug" | |
| South | TN | 11/12/2018 | Knox County | Knoxville | Lonsdale Elementary | Public | Elementary | no | press coverage | unknown | | leaking flue on gas water heater | haze, weird readings on general alarm panel; emergency services called and found elevated levels of CO in boiler room and other areas of building; prompted evacuation of 300+ students; no detectors required according to building code | |
| South | TN | 2/27/2019 | Sumner County | Hendersonville | Children's First Preschool | Private | Daycare/Preschool | no | press coverage | unknown | 28 kids and teachers treated at hospital, some remained on oxygen for 24 hours | malfunctioning boiler in toddler area | teachers noticed funny symptoms occurring, called emergency responders | |

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| South | TN | 1/31/2020 | Shelby County | Cordova | Kate Bond Middle School | Public | Middle | no | press coverage | unknown | 4 students hospitalized; 18 treated at scene | "heating unit on roof above classroom leaked CO into building" | originally a medical distress call for "a child having trouble breathing"; when responders appeared on scene, children were definitely exhibiting symptoms of CO poisoning but portable meters were reading negative; however, 2nd sweep by inspectors found source of elevated CO issue |
| South | TX | 10/7/2009 | Gray County | Pampa | name not provided | Public | High School | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | furnace issue | CO leak forced evac of students |
| South | TX | 11/4/2011 | Harris County | Houston | Barnett Stadium (multiple schools at event) | Public | High School | no | press coverage | unknown | 22 students treated at hospital | Possible exposure from standing buses or nearby generators | 22 students taken to hospital with mysterious illness, at least one treated for CO poisoning |
| South | TX | 1/6/2012 | Dallas County | Dallas | Rangel Women's Leadership High School | Public | High School | no | press coverage | unknown | | improperly ventilated boiler | School of 500+ evacuated; nearly 1 dozen people complaining of CO symptoms |
| South | TX | 3/4/2015 | Dallas County | Dallas | Lakewood Elementary | Public | Elementary | yes | press coverage | unknown | 1 staff member and 1 volunteer (both adults) to the hospital, and three others planned to seek medical care on their own. | dead owl blocked one of boilers pipes, CO accumulation in boiler room, add'l parts of bldg | 20+ students show signs of CO poisoning; boilers didn't kick on until morning. CO detectors didn't alert; happened multiple times during week |
| South | TX | 4/10/2015 | Tarrant County | Fort Worth | Diamond Hill Elementary | Public | Elementary | No | press coverage | unknown | 14 people (didn't specify age) being treated at local hospitals due to incident | construction team using gas powered cutting tool | students, staff evacuated; |
| South | TX | 1/28/2016 | Jefferson County | Beaumont | Marshall Middle School | Public | Middle School | no | press coverage | 400 ppm at source; 100 ppm upon entry to building | 175 treated on site; 69 taken to hospitals via ambulance, additional 100 went to hospital on their own after continued illness | occurred "as a result of two different failures" - corrosion that let fire exit the boiler and an inoperative ventilation fan, according to a report from the Texas Department of Licensing and Regulation. | Emergency services were called because a child passed out - wasn't until they were on site that CO was suspected; According to the report, the firebox, which should contain the flame inside the boiler, had deteriorated, likely because of condensation or a leak in the roof. The corroded portion of the firebox allowed the flame to exit the boiler, emitting carbon monoxide into the room. |
| South | TX | 1/12/2018 | Jefferson County | Beaumont | Dishman Elementary | Public | Elementary | yes | press coverage | unknown | | boiler | alarm sounded, evacuating all students and staff; limited to boiler room area, shutoff until rental boiler could be obtained/ |
| South | TX | 1/8/2021 | Travis County | Austin | Allison Elementary | Public | Elementary | yes | press coverage | unknown | | unidentified source | gas smell, CO alarms alerting prior to student arrivals; staff called 911 |
| West | UT | 3/27/2012 | Wasatch County | Heber | Heber Valley Elementary School | Public | Elementary | no | press coverage | unknown | 1 teacher, 17 students treated at local hospital | construction crew using machinery by open door | separate classes and teachers in school began experiencing CO related illnesses; fire dept responded to a "smoke" alarm, as no CO detectors on site |
| West | UT | 11/8/2013 | Uintah County | Salt Lake City | Montezuma Creek Elementary | Public | Elementary School | no | press coverage | 300 ppm | 40 hospitalized, 3 airlifted | exhaust pipe coming from one of two water heaters had become disconnected at some time venting gas into a mechanical room, the kitchen, and classrooms. | There was an assembly in gymnasium which is located next to the water heaters; School evacuated upon illnesses |
| West | UT | 9/17/2018 | Weber County | Ogden | Weber High School | Public | High school | no | press coverage | unknown | 2 students taken to hospital | unspecified | elevated levels of CO found in classroom by FD meters, students feeling ill; 20+ treated on scene |
| West | UT | 11/15/2018 | Davis County | West Point | West Point Junior High School | Public | Junior High | no | press coverage | unknown | 1 student transported to ER | source unidentified | no CO found once FD arrived with detectors, however multiple people exhibiting exposure symptoms in gymnasium area |
| West | UT | 1/10/2019 | Uintah County | Salt Lake City | Ashley Elementary School | Public | Elementary | yes | press coverage | unknown | | unidentified source in kitchen | |
| West | UT | 12/18/2019 | Cache County | Logan | Mt. Logan Middle School | Public | Middle school | yes | press coverage | unknown | | art kiln | elevated levels of CO found in art room after kiln use, setting off detectors carbon monoxide issue. Assisted in finding source and ventilated. Verified rest of building had CO free air with 4 gas monitor. Removed boiler from service due to this being the source. |
| South | VA | 12/30/2014 | Chesterfield County | Middleton, VA | St. Edward-Epiphany School | Private | Primary to Middle | unknown | Chesterfield County FOIA | unknown | | boiler | |
| South | VA | 2/9/2015 | Loudoun County | Sterling, VA | Michael & Son Sportplex | Recreational | Recreational care | unknown | Loudoun County FOIA | unknown | | | |
| South | VA | 4/3/2015 | Fairfax County | Chantilly, VA | Westfield High School | Public | High School | unknown | Fairfax Co Fire FOIA | 115ppm | | Propane-fueled floor buffer | High CO readings reported; entered school to find cleaning crew using propane-fueled floor buffer in main hallways, causing several to feel ill and have to leave the building - elevated readings of 115ppm recorded by emergency responders |
| South | VA | 8/18/2015 | Henrico County | Henrico, VA | Tuckahoe Elementary School | Public | Elementary School | yes | Henrico County FOIA | 115ppm | | construction equipment (wet saw); improper ventilation | Source: construction equipment (wet saw), improper ventilation; EMS 1 with school principal secretary confirmed alarm location with active alarm, visual and audible in door area 021. Upon gaining access to the alarm location construction sounds were noted with a wet saw cutting concrete. Dust and the odor of fuel emissions were present. EMS 1 requested T10 to assist with atmospheric monitoring due to the confined space and location. Reading of 35-115ppm was present just before the effected hall with dust and air borne particle present. EMS 1 with Mrs. Ford stopped to allow HFD crews to stop activity and confirm that the alarm was due to construction. T10 with E08 as back up made entry and evacuated crews with a superintendent Doug Updegrave exiting the structure to explain the construction being completed. He advised the saw was only running 20 minutes with multiple windows open but no force ventilation. He was advised of the CO levels and that corrective actions needed to be completed. Michele Loveland of HCPS 349-249 was contacted by TES staff to advise her of the alarm and levels of CO found. After force ventilation and atmospheric monitoring work were completed. Mr. Updegrave was allowed back into the structure to work. Mr. Updegrave confirmed that all gas powered tools would not be restarted until proper ventilation could be conducted. |
| South | VA | 1/14/2016 | Arlington County | Arlington, VA | Cody Child Development Ctr | Private | Daycare | unknown | Arlington County FOIA | unknown | | | no further info provided other than address, date of CO-related incident |
| South | VA | 12/9/2016 | Arlington County | Arlington, VA | Charles Drew Elementary | Public | Elementary School | unknown | Arlington County FOIA | unknown | | | no further info provided other than address, date of CO-related incident |
| South | VA | 12/16/2016 | Loudoun County | Chantilly, VA | J Michael Lunsford Middle | Public | Middle School | unknown | Loudoun County FOIA | unknown | | | |
| South | VA | 4/17/2017 | Henrico County | Richmond, VA | Starling Child Care | Private | Daycare | unknown | Henrico County FOIA | unknown | | gas water heater | Smell of gas in utility room with gas water heater. Gas Heater turned off and gas secured. Told supervisor to have unit serviced prior to turning back on |
| South | VA | 8/2/2017 | Fairfax County | Falls Church, VA | Bailey's Upper Elementary School | Public | Elementary School | yes - alarm panel activated | Fairfax Co Fire FOIA | 20 ppm | | Cleaning machines being u | Source was cleaning crew (using equipment and solutions) on 3rd floor near elevator lobby; accumulation of CO in the hallways/lobby |

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| South | VA | 10/6/2017 | Arlington County | Arlington, VA | Inhome daycare | Private | daycare | unknown | Arlington County FOIA | unknown | | | no further info provided other than address, date of CO-related incident |
| South | VA | 12/14/2017 | City of Chesapeake | Chesapeake | Deep Creek High School | Public | High School | unknown | press coverage | unknown | | Two separate natural gas leaks found in rooftop HVAC | Deep Creek High School students/teachers sheltered in different parts of school due to gas odor; firefighters respond find elevated CO |
| South | VA | 1/11/2018 | Henrico County | Henrico, VA | Minnieland/Skipwith Academy/Montessor Kids Universe - 3450 Lauderdale Drive | Private | Daycare | no | Henrico County FOIA | 100ppm | | suspected: kitchen oven | Infant to Pre-K on site; S13 and E16 responded for a report of a gas smell during the last two days at a day care facility. S13 arrived on scene and established command. Met manager at the front door and detected the slightest smell of gas. Manager reported one of the parents had come to him with a concern. S13 began monitoring with the four gas monitor, found carbon monoxide levels of 10- 20 throughout the occupancy with readings of 30 in the gym area. Occupants removed from the gym area. Ventilation initiated, gas appliances were the rooftop heating units, water heater, and two cook stoves in the kitchen area. HVAC company was on scene replacing a draft motor on one of the rooftop units. Monitored the individual ducts for each of the four rooftop units in the occupancy as well as on the roof. Unable to find a significant level of CO from these units. Vent stacks for the hot water heater and hood above the stoves appeared intact and dispersed above the roof. Ran hot water heater and stove for a few minutes and found one of the ovens was producing CO at levels near 100ppm when the oven was opened. The other oven was not producing a noticeable amount of CO but several of the stovetop burners would not light. Shut off gas to both of the stoves and felt that the one oven had been the source of CO. After ventilation, readings had dropped down to about 5 throughout the building. Monitored B and D exposures with readings of 0 found in both. Advised occupants to have stoves repaired or replaced and strongly encouraged them to have CO detectors installed due to the type of occupancy. After ventilation was shut down and all doors had been closed the CO levels did not reproduce. Went back approx. an hour later and monitored the building, highest level was 3ppm in a small closet near the kitchen. All other readings 0 throughout. |
| South | VA | 1/16/2018 | Fairfax County | McLean, VA | The Langley School | Private | K-12 | yes - battery operated in utility room | Fairfax Co Fire FOIA | unknown | | gas fired water heater in utility | called to school due to odorous gas, maintenance found battery operated alarm alerting in utility room; shut down gas fired water heater, advised school to repair/replace |
| South | VA | 2/13/2018 | Henrico County | Henrico, VA | Minnieland/Skipwith Academy/Montessor Kids Universe - 3450 Lauderdale Drive | Private | Daycare | yes | Henrico County FOIA | >499ppm | | rooftop heating unit | S13 responded to a CO detector activation call. Upon arrival we were met outside the business by the responsible party/manager of the business. She stated she has a CO detector that has been activating and requested assistance with this. The business is a child daycare facility with 30-40 children and adults. The initial investigation immediately found a CO reading at the front door to the business at 49PPM and rising. We immediately evacuated the business, requested an engine company and a fire medic be dispatched to assist on the call. The children were initially staged on the sidewalk outside of the business, in the staff's care, both individually and in cribs. S13 driver made contact with 9 Rounds Fitness club two businesses down from the call location and received permission to place all the occupants in there to get them out of the weather and into a central, controllable location. S13 personnel donned SCBA and began further evaluation of the business. Inside we found the highest reading of 60PPM, on the B side interior wall side and the back corridor. Evaluation of the appliances in the kitchen and water heater found no issues or increased readings. Per the staff, the stoves were new purchases within the last month. S13 B turned off the heat system at this point. E13 was assigned to check utilities to the rear of the structure, and F13 was given the assignment of evaluating the children and staff for any symptoms or medical complaints. No complaints or medical issues were reported or noted. Inside it was noticed that the readings were changing to lower readings following the heat system being shut down. E13 and F13 were assigned to ladder the roof and evaluate the heat systems on the roof. The heat system was turned back on and upon investigating, the center unit on the roof was found to be emitting CO at a level of 238PPM in the general vicinity, and >499 at the unit itself. The heat was again powered off, and the gas service valve to the unit was closed. Ventilation utilizing an electric PPV was initiated. Speaking with the manager of the facility, she advised that the maintenance personnel to the business was notified and would be responding. The property management representative arrived and was briefed on the situation and stated they had a CO issue last month that was determined to be from the stoves, which had been replaced. Ventilation successfully removed the CO to a level of <5PPM throughout the business, where nost readings were 0. Ceiling tiles were also removed to allow for air circulation during ventilation above the drop ceiling. Final evaluation of the CO readings remained consistent with the last low readings after turning the remaining non-malfunctioning heat units back on, and the occupants were allowed to return. The facility maintenance representative arrived and was briefed on our findings. He reported to the roof and evaluated the suspect unit and verified it was properly shut down with no power to it. He advised he would be getting with the property management company to have repairs made. S13 assisted the staff with returning the children and returned to service. FMO arrived and was briefed by S1. |
| South | VA | 4/17/2018 | City of Virginia Beach | Virginia Beach | Cox High School | Public | High School | unknown | | unknown | | Butane canister leaking inside a classroom | Cox High School evacuated |
| South | VA | 5/31/2018 | City of Virginia Beach | Virginia Beach, VA | Bow Creek Presbyterian School | Private | Daycare/Preschool | no | City of Virginia Beach FOIA | 18ppm | | malfunctioning rooftop furnace | L16 received a phone call from the church saying some people smelled natural gas. L16 arrived on scene and no odor of natural gas. L16 performed air monitoring inside the structure. 12-18PPM of CO was noted on the meter in the hallway and classrooms of the pre-school. L16 upgraded the response and assumed command. L16 evacuated the school portion of the structure approximately 50 children and staff to safer location within the structure. FR01 monitored the school hallway and readings were similar to L16. Issue was isolated to a malfunctioning furnace on the roof. Structure was ventilated and monitored again with all levels within normal limits of 0PPM. Furnace was Red Tagged Repair serviced arrived on scene as fire department was clearing. L16 clear. (NO DETECTORS ON SITE) |
| South | VA | 8/2/2018 | Fairfax County | Burke, VA | White Oaks Elementary | Public | Elementary School | yes - monitor | Fairfax Co Fire FOIA | 30 ppm | | acetylene cylinders outside | School under construction; multi-gas monitor started alerting; cross sensitivity of gases coming from gas cylinders outside, turning into building, accumulating in enclosed space where construction crew working |

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| South | VA | 11/29/2018 | Arlington County | Arlington, VA | NOVA Kindercare | Private | Daycare | unknown | Arlington County FOIA | unknown | | | no further info provided other than address, date of CO-related incident |
| South | VA | 12/12/2018 | Fairfax County | Vienna, VA | Vienna Adventist Academy | Private | Elementary School | no | Fairfax Co Fire FOIA | 70 ppm | | roof top HVAC unit | arrived on scene, investigating odor; in gym found odor and meter readings of 70ppm for CO; school evacuated; HVAC unit on roof shut down – vented gym and turned over to maintenance |
| South | VA | 7/16/2019 | Fairfax County | Alexandria, VA | Stratford Landing Elementary | Public | Elementary School | yes | Fairfax Co Fire FOIA | 90 ppm | | motorized floor cleaner in kitchen | dispatched for CO detector activation in kitchen of elementary school; source narrowed down to motorized floor cleaner charging in kitchen using monitors; cleaner was removed and put into open air |
| South | VA | 9/20/2019 | Fairfax County | Alexandria, VA | Bush Hill Elementary | Public | Elementary School | yes | Fairfax Co Fire FOIA | 60 ppm | | cracked heat exchanger in roof | building had been evacuated prior to arrival of emergency teams; met with big maintenance, speculated cracked heat exchanger in one of the rooftop heating units; gas shut off and building turned over to maintenance team after ventilation |
| South | VA | 10/3/2019 | Henrico or Chesterfield County | Richmond | | | Elementary school | unknown | | unknown | | | 10 staff members reported feeling ill; school evacuated due to suspected gas leak |
| South | VA | 10/31/2019 | Arlington County | Arlington, VA | Arlington Assembly of God | Private | Daycare | unknown | Arlington County FOIA | unknown | | | no further info provided other than address, date of CO-related incident |
| South | VA | 11/21/2019 | | Alexandria | GW Middle School | Public | Middle School | unknown | | unknown | | Roof top heating unit malfunction | GW Middle School evacuated due to suspected gas leak, odor |
| South | VA | 2/20/2020 | City of Virginia Beach | Virginia Beach, VA | Kids Town Learning Center | Private | Daycare | no | Virginia Beach FOIA | 72ppm after doors and windows opened for several hours and school had been evacuated (6 hours later) | | furnace | Engine 9 and Ladder 7 were dispatched to a CO detector activation that had been brought in after symptoms had been occurring for most of day at 4847 Dolton Dr. Engine 9 and Ladder 7 found readings of 72 parts-per-million and an odor of natural gas in the structure. Staff at the location also advised that there were 74 children plus staff at the facility. Engine 9 upgraded the incident to a flammable adding Rescue 2, Battalion 5, and Safety 1 to the incident. Battalion 5 assumed command upon their arrival, and Rescue 2 assisted Ladder 7 with monitoring and ventilating the structure. Members from Engine 9 assisted with moving all occupants to a nearby business. Members from Engine 9 assisted EMS with patient care. Upon Safety 1s arrival, Safety 1 assisted Rescue 2 driver with evaluating occupants by utilizing their Rad 57 devices. Ladder 7 and Rescue 2 were unable to locate the exact source and secured natural gas to the entire building. Once the gas was secured, Ladder 7 ventilated the structure. Ladder 7 and Rescue 2 continued to monitor the atmospheric conditions in the structure until they returned to normal. Engine 9 and Safety 1 transferred all patients to EMS. 50 plus patients were evaluated by crews on scene. 5 adult patients were transported to Sentara Leigh Hospital by EMS with minor symptoms and elevated Rad 57 readings. 7 refusals were obtained by EMS for patients with elevated Rad 57 readings who did not wish to be transported. F |
| South | VA | 2/28/2020 | City of Virginia Beach | Virginia Beach, VA | Kids Town Learning Center | Private | Daycare | yes | Virginia Beach FOIA | 45 ppm | | furnace | E09 dispatched to a possible CO hazard. Upon arrival E09 assumed Command and found the manager on scene who stated she unlocked the doors to open the business for the day and found all of the CO detectors alerting in the building which had been plugged in after incident that occurred week prior. E09 found 23ppm at the front door. L07 arrived and walked the entire structure and found 45 ppm throughout the rest of the building. The cause of the CO was unable to be determined so L07 shut down the main gas valve on the Charlie side of the structure. The owner of the building arrived on scene and was advised of the incident. He stated he had crews coming that day to find and repair the leak. E09 advised the on duty inspector of the incident and he told E09 to place the structure on Fire Watch to advise the FMO office. L07 ventilated the structure and E09 red tagged the main gas shut off. VNG arrived and put a lock on the gas shut off valve. No other hazards were found and the business owner was advised that the building could not be used for normal business until the leak is repaired and the FMO office is notified. E09 and L07 cleared and went back in service. |
| South | VA | 8/7/2020 | Fairfax County | Falls Church, VA | Bailey's Elementary School | Public | Elementary School | no | Fairfax Co Fire FOIA | unknown | | using gas blower it boiler room | dispatched to possible gas leak due to odor; found workers using gas powered blower to clean floors in boiler room; CO accumulation and odors produced |
| South | VA | 2/17/2021 | Fairfax County | Annandale, VA | Poe Middle School | Public | Middle School | yes | Fairfax Co Fire FOIA | 375-500 ppm | | newly installed but faulty HVAC unit supplying air to rear gymnasium | partially evacuated two-story building; carbon monoxide alarm went off, but did not note location; hazmat and fire teams used gas meters; noting 0 ppm upon entry, 5-7 ppm through hallway/boiler room; 1-ppm in kitchen, and as they move further into the hallway into the school hit 100ppm; 150-375 in hallway surrounding gym; fire alarm pulled to assist in evacuating remainder of property; rear gymnasium found to have 500 ppm using school's CO meter; |
| Northeast | VT | 2/5/2010 | Chittenden County | Burlington | name not provided | unknown | Unknown | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | new boiler malfunctioning | Elevated CO levels in boiler room |
| Northeast | VT | 1/6/2011 | Windham County | Putney | name not provided | unknown | Elementary/Middle | unknown | SAFEKIDS Worldwide - Georgia Testimony, February 2012 | unknown | | gas leak caused by furnace | 11 students, 1 adult. treated for CO poisoning |
| Midwest | WI | 1/7/2009 | Milwaukee County | Milwaukee | Oliver Wendell Holmes Elementary | Public | Elementary | unknown | press coverage | unknown | | Malfunctioning boiler | Students evacuated due to CO |
| Midwest | WI | 3/22/2018 | Waukesha County | Oconomowoc | Oconomowoc High School | Public | High school | unknown | press coverage | unknown | 64 students and staff transported via ambulance to local hospitals; additional 40 walk in patients from the school came to ER on their own; | source unknown in gymnasium/auditorium area | additional 72 students/staff assessed on scene for symptoms, did not require transport; |
| Midwest | WI | 1/24/2019 | Ozaukee County | Cedarburg | KinderCare | Private | Daycare/Preschool | yes | press coverage | unknown | | Malfunctioning furnace/ventilation | 80+ students/teachers evacuated safely thanks to CO detectors alerting in multiple areas of property during snowfall |
| Midwest | WI | 7/2/2020 | Dane County | Mount Horeb | Hearts & Hands Children's Center | Private | Daycare/Preschool | no, but portable on construction team | press coverage | unknown | 5 workers hospitalized; 1 of them in serious condition | propane powered floor machine being used by construction team while children in property | Officials said construction workers were using a propane powered floor machine on the gym floor. They said a carbon monoxide monitor was being used by the crews, but it did not alert them to the rising levels. Officials said a total of 60 people, including 54 students, were inside the center during the incident were tested. None of the students showed symptoms or were hospitalized. |
| South | WV | 12/12/2017 | Kanawha County | Charleston | Montrose Elementary | Public | Elementary | no | press coverage | 60 ppm | | heat exchange box cracked on rooftop heating unit | gym area where students were had 60ppm, nowhere near the unit that was actually malfunctioning which was much higher than that |

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| West | WY | 12/30/2014 | Fremont County | Fort Washakie | Fort Washakie School | Public | Elementary and middle | no | press coverage | unknown | 4 students transported to hospital, others evaluated on scene | source unidentified, but theories based on day's events/conditions/location of elevated CO: a school bus exhaust pipe too close to an intake for the school's air system, snow blocking vents as well | Firefighters were called to the school's gym around 10 a.m. this morning for a report of a possible gas leak. The middle school girls basketball team was practicing and several of them started feeling light-headed, which led to the call. According to radio traffic, one of them passed out. |
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